

IDS Form PTO/SB/08: Substitute for form 1449A PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/523,452	
			Filing Date	January 28, 2005	
			First Named Inventor	Kikuchi et al.	
			Art Unit	2112	
			Examiner Name	S. W. Rizk	
Sheet	1	of	1	Attorney Docket Number	09812.0212-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US 2004/0064776 A1	4/1/2004	Yedidia et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
		LUCAS R. ET AL.: "On Iterative Soft-Decision Decoding of Linear Binary Block Codes and Product Codes" IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, pages, 279; 281; 283; 284; and 289-290.	
		WIBERG N. ET AL., "Codes and Iterative Decoding on General Graphs", European Transactions on Telecommunications and Related Technologies, vol. 6, no. 5, September 1995, pages 513-525.	
		FRANK R. KSCHISCHANG ET AL., "Factor Graphs and the Sum-Product Algorithm", IEEE Transactions on Information Theory, vol. 47, no. 2, February 2001, pages 498-519, pages 508-510.	
		LUCAS ET AL., "Iterative Decoding of One-Step Majority Logic Decodable Codes Based on Belief Propagation", IEEE Transactions on Communications, vol. 48, no. 6, June 2000, pages 931-937.	
		GALLAGER, "Low-Density Parity-Check Codes", IRE Transactions on Information Theory, January 1962, pages 21-28.	
		HAGENAUER J. ET AL., "Improving the standard Coding System for Deep Space Missions", Pro. IEEE International Conference on Communications, vol. 3, May 23 1993 - May 26, 1993, pages 1092-1097.	
		AIT SAB O, "FEC Contribution in Submarine Transmission Systems", Proc., The Suboptic. International Convention on Undersea Communications, May 2001, pages 496-499.	
		MACKAY, "Good Error-Correcting Codes Based on Very Sparse Matrices", IEEE Transactions on Information Theory, vol. 45, no. 2, pages 399-431, March 1999.	
		LUBY ET AL., "Analysis of Low Density Codes and Improved Designs Using Irregular Graphs", Proceedings of ACM Symposium on Theory of Computing, pp. 249-258, 1998.	
		WADAYAMA, "Low Density Parity Check Code and Sum-Product Algorithm", [online], June 22, 2001, Okayama Prefectural University, [searched on May 19, 2003], the Internet URL: http://vega.c.oka-pu.ac.jp/~wadayama/pdf/LDPC.pdf .	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.